



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## INDEX TO VOLUME I.

New names and the names of new genera and species are printed in **boldface type**.

- Achillea argentea*, 82  
*Actaea alba*, 132  
 Adams, G. E., personal, 72  
*Adiantum*, 128  
*Aechmea*, 146  
*Aecidium*, 128  
*Agardhiella*, 128  
*Albugo*, 128  
*Alleghanian Rudbeckia*, An, 67  
 Allen, T. F., personal, 24  
*Alpine Botanical Garden*, An, 81  
*Amanita*, 128  
 America, Botanical Society of, 112  
 American Association for the Advancement of Science, 112  
*American Botanist*, The, 111  
*Ammophila arenaria*, 147  
*Ampelopsis*, "Simple-leaved," Are the Leaves of, simple?, 139; arborea, 140; cordata, 139, 140  
*Amphoridium Lapponicum*, 9  
*Amsonia Amsonia* in New Jersey, 75  
*Anabaena*, 128  
 Anderson, A. P., personal, 84  
*Anemone*, 65  
*Anomobryum concinnum*, 9  
*Anonymos capitatus*, 33, 34; *tinctorius*, 33, 34  
*Antennaria plantaginifolia*, 75  
*Apios Apios*, 120  
*Apodanthes Thurberi*, 56  
*Aralia racemosa*, 132; *spinosa*, 117  
*Arceuthobium*, 69  
 Are the Leaves of "Simple-leaved *Ampelopsis*" simple, 141  
*Arisaema*, Seedlings of, 2; *triphellum*, 2, 4; *Dracontium*, 2, 3, 4  
*Arnica* from Oregon, A new, 42; ***aurantiaca***, 42; *crocea*, 42, 43; ***crocina***, 42  
 Arnold, A. F., "The Sea-Beach at Ebb-Tide," 72  
*Artemisia*, 22; *Pedemontana*, 82  
 Arthur, J. C., personal, 112  
*Arum maculatum*, 3, 4  
 Ascent of Sap, The Mignonette as Class Illustration for, 56  
*Asclepias humistrata*, 117  
*Ascophyllum*, 128, 129  
*Asplenium Bradleyi*, 7; *viride*, 93  
 Association for Advancement of Science, American, 112  
 Association of Botanists, International, 112  
*Aster Schreberi*, 132  
*Astragalus*, Notes on, 109; *crassicaulis*, 109; *Hypoglottis*, 109; *Plattensis*, 109  
 Atkinson's "Studies of American Fungi," 45  
*Azalea*, 88  
 Bailey, W. W., personal, 72  
 Banker, H. J., personal, 148  
*Baptisia lanceolata*, 116; *perfoliata*, 116; *tinctoria*, 120  
 Barnes, C. R., "A simple Dynamometer," 47, 70  
*Bartonia*, 142; *decapetala*, 142, *laevicaulis*, 143; *multiflora*, 143; *nuda*, 143  
*Bartramia Oederiana*, 84  
 Bashbish Falls, The rare Mosses of, 9  
 Bates, J. M., Notes on *Astragalus*, 109  
*Batodendron arboreum*, 8  
 Beal, W. J., A new *Panicularia*, 43  
 Beardslee, H. C., Notes on the *Boleti* of West Virginia, 37  
*Berchemia scandens*, 116  
 Berry, E. W., Notes on *Liriodendron* Leaves, 105; A new common Name, 147; personal, 71  
 Bicknell, E. P., A new Horse Gentian (*Triosteum*) common in the Eastern States, 25; On *Scirpus robustus* Pursh and certain of its near Allies, 94; Two new Bush Clovers (*Lespedeza*), 102  
*Bicuculla Cucullaria*, 147  
*Billbergia*, 146  
 Bird, H. A., personal, 23  
 Bladder Kelp, *Nereocystis Lütkeana*, A Note on, 49  
 British Museum, Report of Committee on Botanical Work and Collections at, 60

- Blephariglottis ciliaris*, 119  
 Blodgett, F. H., The *Lygodium* at Home, 19; Transpiration of rust-infested *Rubus*, 34; A Tulip with a Runner, 78; personal, 71, 136  
*Bolellia*, 70  
*Boleti* of West Virginia, Notes on the, 37  
*Boletus affinis*, 39; *alutarius*, 38; *auriflammeus*, 37; *bicolor*, 39; *chromapes*, 39; *cyanescens*, 38; *edulis*, 39; *eximius*, 38; *gracilis*, 38; *nigrellus*, 38; *Ravenelii*, 38; *separans*, 38  
 Botanical Garden, An alpine, 81; New York, 24, 36, 60, 72, 124, 148  
 Botanical Society of America, 112  
 Botany at Cold Spring Harbor in 1901, Cryptogamic and physiological, 127  
*Botrychium*, 128  
 Bower, F. O., personal, 112  
*Bradburya Virginiana*, 116  
 Brainerd, Jones, and Eggleston's "Flora of Vermont," 10  
 Britton, E. G., The rare Mosses of Bash-bish Falls, 9; Mosses of the Catskill Mountains, N. Y., 84; Vanishing Wild Flowers, 85; The Storing of Seeds by Squirrels, 108; Spring Foliage in October, 119  
 Britton, N. L., Notes on *Rudbeckia hirta*, 1; A new *Senecio* from Pennsylvania, 21; A new Hawkweed from Florida, 41; A new *Crataegus* from Washington, 55; *Nocca* and *Cracca*, 83; *Cupania* on Pine Key, Florida, 132; personal, 110, 112, 124  
 Britton's "Manual of the Flora of the Northern States and Canada," 133  
*Bromeliaceae* in Costa Rica, 146  
*Bryopsis*, 128  
*Bryum capillare*, 84; *proliferum*, 9; *proligerum*, 84  
 Buda, 69  
 Burgin, see Dallas  
*Bulbochaete*, 128  
 Burtlehaus, F. H., *Circaea* Fruit devoid of hooked Bristles, 56  
*Burmanna* and *Gyrotheca*, Synonymy of, 33; *capitata*, 33, 34  
 Burnham, S. H., Heterophylly in *Hepatica acuta*, 65; Field Days of the Torrey Botanical Club, 119, 132, 147  
 Bush Clovers (*Lespedeza*), Two new, 102  
*Buxbaumia aphylla*, 84  
*Cakile edentula*, 147  
*Campanula Cenisia*, 81  
 Campbell, D. H., personal, 112  
 Campbell's "University Text-Book of Botany," 110  
*Camptosorus*, 89  
*Campulosus aromaticus*, 115  
 Cannon, W. A., Note on the Bladder Kelp, *Nereocystis Lütkeana*, 49; On the Relation of Redwoods and Fog to the general Precipitation in the Redwood Belt of California, 137; personal, 59  
*Capriola Dactylon*, 32  
*Capsella*, 70  
 Card, F. W., personal, 72  
 Carss, E., The Value of Forestry in a Course of Nature Study, 13  
*Cassia occidentalis*, 116; Tora, 116  
*Castanea dentata*, 7  
*Castilleja alpina*, 83; *luteovirens*, 84; *pallida*, 83  
*Cephalanthus occidentalis*, 117  
*Cephalozia*, 128  
*Ceratiola ericoides*, 116  
*Chaetochloa glauca*, 147  
*Chamaelirium*, Two Species of, 107; *luteum*, 107, 108; *obovale*, 107, 108  
 Chamberlain, see Coulter  
 Cherry, A Texan, 146  
*Chimaphila maculata*, 117  
*Chrysanthemum Leucanthemum*, 75  
*Cinna arundinacea*, 147  
*Circaea* Fruit devoid of hooked Bristles, 55; *intermedia*, 55; *Lutetiana*, 55, 56  
*Citrus trifoliata*, 141  
*Cladophora*, 128  
*Clethra alnifolia*, 132  
*Cliftonia monophylla*, 116  
*Closterium*, 128  
 Clute's "Our Ferns in their Haunts," 134  
*Cobaea*, 144  
 Cockerell, T. D. A., Varietal and specific Names, 79; Nomenclatural Note, 83; **Hesperaster**, Genus of Loasaceae, 142  
 Cold Spring Harbor, Cryptogamic and physiological Botany at, in 1901, 127  
 Common Name, A new, 147  
*Conocephalum*, 128  
*Conopholis Americana*, 91  
*Conostachys*, 146  
 Copeland, E. B., Cryptogamic and physiological Botany at Cold Spring Harbor in 1901, 127  
*Coprinus*, 128  
*Corallorhiza*, 81  
*Cordyceps*, 128  
*Corema Conradii*, 92  
 Corn, Diembryony in, 68  
 Cornel, A Kentucky, 54  
*Cornus asperifolia*, 54; *microcarpa*, 54, 55; **Priceae**, 54  
*Cracca*, *Nocca* and, 83; *Virginiana*, 83, 116

- Crataegus* from Washington, A new, 55 ;  
 A weeping, 96 ; *aestivalis*, 116 ; *lacrimata*, 97 ; *lepidota*, 97 ; *Piperi*, 55  
*Crepis pygmaea*, 81  
*Crucibulum*, 128  
 Costa Rica, Bromeliaceae in, 146  
 Coulter and Chamberlain's "Morphology of Spermatophytes," 98  
 Coville, F. V., Britton's "Manual of the Flora of the Northern States and Canada," 133  
 Cowell, J. F., personal, 110  
 Cryptogamic and physiological Botany at Cold Spring Harbor in 1901, 127  
*Cupania* on Pine Key, Florida, 132 ; *glabra*, 132  
*Cuscuta*, 56 ; *arvensis*, 120  
*Cycas*, 131  
*Cypripedium Calceolus*, 93  
*Cyrilla racemiflora*, 116
- Dalea Emoryi*, 56 ; *formosa*, 56  
 Dallas and Burgin's "Among the Mushroom-rooms," 44  
 Davis, B. M., personal, 36  
*Decodon verticillatus*, 132  
*Dentaria*, 81  
*Dicentra*, 70  
*Dicksonia*, 11 ; *arborescens*, 11  
*Dicranella heteromalla*, 9  
*Dicranum*, 128 ; *fuscescens*, 84 ; *longifolium*, 84 ; *viride*, 84  
*Dictyophora*, 128  
*Didymodon rubellus*, 9  
*Diembryony* in Corn, 68  
*Dilatis tinctoria*, 34  
*Diodia teres*, 117  
*Dioscorea villosa*, 132  
*Diospyros*, 8  
*Dipsacus sylvestris*, 120  
 Distribution of *Pterospora*, 101  
*Dolicholus simplicifolius*, 116  
*Downingia*, 70  
 Drying Plants, New Methods of, 145  
 Dunn, L. B., Coulter and Chamberlain's "Morphology of Spermatophytes," 98 ; personal, 71  
 Duplication of Contributions on Physiology of Tendrils, 125  
 Dynamometer, A Simple, 8, 47, 48, 70
- Earle, F. S., personal, 124  
 Eaton, A. A., personal, 36  
*Echinocystis*, 70  
 Economy in Nature, 10  
*Ectocarpus*, 128  
 Eggert, H., A rare Plant from western Texas, 56  
 Eggleston, see Brainerd  
*Entada scandens*, 125, 126, 127
- Epigaea repens*, 91  
*Equisetum*, 128  
*Eriogonum tomentosum*, 116  
*Erythronium*, 78, 79  
*Eupatorium album*, 147 ; *compositifolium*, 117 ; *purpureum falcatum*, 132  
*Exobasidium*, 128  
 Explosive Fruits, 144  
 Extrusion of the Gametes of *Fucus*, 129
- Ferguson's "Crotons of the United States," 35  
 Ferriss, J. H., personal, 136  
 Field Days of the Torrey Botanical Club, 119, 132, 147  
 Flora of King's Mountain and Crowder's Mountain, North Carolina, 7  
 Florida, A new Hawkweed from, 41  
 Flowers, Vanishing Wild, 85, 122  
 Fog, see Redwoods  
 Forestry in a Course of Nature Study, The Value of, 13  
*Forsströmia trichomitria*, 9  
*Fragaria Virginiana*, 75  
 Fretz, C. D., *Tulipa sylvestris* in the Flora of the United States, 82  
 Fruits, Explosive, 144  
*Fucus*, 128, 129 ; Extrusion of the Gametes of, 129  
*Funaria*, 39, 40, 41, 128 ; *Funaria hygrometrica* in botanical Teaching, Remarks on the Use of, 39  
*Fungus Stipes*, Geotropism of, 128
- Galax*, 88 ; *aphylla*, 8, 117  
*Gamophyllous*, The, 23  
 Ganong, W. F., personal, 12 ; "Suggestions for an Attempt to secure a standard College Entrance Option in Botany," 59  
*Gaylussacia dumosa*, 117 ; *frondosa*, 8 ; *resinosa*, 8 ; *ursina*, 67  
*Gentiana Saponaria*, 147  
 Georgia, 128  
 Georgia, Some popular Plant-names used in, 115  
 Geotropism of *Fungus Stipes*, 128  
*Gerbera*, 43  
*Geum reptans*, 81  
 Gilbert, B. D., Notes on *Lycopodium tristachyum* Pursh (*L. Chamaecyparissus* A. Br.), 117 ; personal, 36  
*Gilia*, 144  
*Ginkgo*, 131  
*Glottidium vesicarium*, 116  
*Glyceria*, 69  
*Gnaphalium obtusifolium*, 117  
 Goebel, K., personal, 112  
*Goodyera*, 81  
 Graves, H. S., personal, 35

- Gray Bulletin, Asa, 12  
 Greene, E. L., A new *Arnica* from Oregon, 42  
 Griffiths, D., Thriving under Difficulties, 30; personal, 23  
 Grout's "Mosses with a Hand Lens," 24  
*Gymnoconia interstitialis*, 34  
*Gymnosperms*, The generative Divisions in, 131  
*Gymnostomum rupestre*, 9  
*Gyrostachys gracilis*, 132  
*Gyrotheca*, Synonymy of *Burmannia* and, 33; *capitata*, 33, 34; *tinctoria*, 34  
*Habenaria fimbriata*, 91  
 Haberlandt's "Sinnesorgane im Pflanzenreich zur Perception mechanischer Reise," 126  
 Halsted, B. D., The Mignonette as Class Illustration for Ascent of Sap, 56; Diembryony in Corn, 68; Weeping Tomatoes, 130; Are the Leaves of "Simple-leaved *Ampelopsis*" simple?, 139; Explosive Fruits, 143; personal, 72  
 Harper, R. M., Synonymy of *Burmannia* and *Gyrotheca*, 33; Some popular Plant-names used in Georgia, 115; personal, 59  
 Harshberger's "Ecological Study of the New Jersey Strand Flora," 23  
 Hawkweed from Florida, A new, 41  
 Hay, G. U., personal, 110  
 Hazen, T. E., personal, 71  
*Heldreichia*, 81  
*Helianthus decapetalus*, 132; *divaricatus*, 132  
*Hepatica acuta*, Heterophylly in, 65; *Hepatica*, 65  
*Hepetis*, 146  
*Hesperaster*, a Genus of *Loasaceae*, 142; *chrysanthus*, 143; *decapetalus*, 142; *densus*, 143; *laevicaulis*, 143; *multiflorus*, 143; *nudus*, 143; *perennis*, 143; *pumilus*, 143; *Rusbyi*, 143  
 Heterophylly in *Hepatica acuta*, 65  
*Hieracium Floridanum*, 42; *Marianum*, 42  
 Hill, E. J., *Lycopodium tristachyum*, 76  
 Hitchcock, A. S., personal, 35  
 Hollick, A., personal, 110, 124  
*Homalia gracilis*, 84; *Jamesii*, 9  
 Horse Gentian (*Triosteum*) common in the Eastern States, A new, 25  
 Horticultural Society of New York, Annual meeting of, 60  
 Howe, C. D., personal, 84  
 Howe, M. A., Brainerd, Jones, and Eggleston's "Flora of Vermont," 10; Remarks on the Use of *Funaria hygrometrica* in botanical teaching, 39; Jepson's "Flora of Western Middle California," 69; personal, 84, 124  
*Hydnum*, 128  
 Hygrometer suitable for testing Action of Stomata, A new, 16  
*Hylocomium brevirostre*, 9; *Pyrenaicum*, 84; *umbratum*, 84  
 Idaho, A fossil Nut Pine from, 113  
*Ilex glabra*, 116; *opaca*, 8  
*Impatiens biflora*, 132  
 International Association of Botanists, 112  
*Iva frutescens*, 120  
 Jepson's "Flora of Western Middle California," 69  
 Jones, see Brainerd  
 Jordan's "The Determination of the Type in Composite Genera of Animals and Plants," 59  
 Journals: The American Botanist, 111; Asa Gray Bulletin, 12; *Gamophyllous*, 23; Plant World, 12  
*Juncoides* in the Southeastern States, 73; *bulbosum*, 73, 74; *campestre*, 73, 74; *echinatum*, 73, 74; *pilosum*, 73, 74  
*Kalmia*, 88; *latifolia*, 8, 91  
 Kentucky Cornel, A, 54  
 King's Mountain and Crowder's Mountain, North Carolina, The Summit Flora of, 7  
 Kirkwood, J. E., personal, 24  
 Knowlton, F. H., A fossil Nut Pine from Idaho, 113  
*Koellia*, 69; *flexuosa*, 120  
*Lachnanthes tinctoria*, 34  
*Lacinaria Regimontis*, 7  
*Laminaria*, 49  
 Lang, W., personal, 84  
 Lawson, A. A., personal, 36  
*Lechea*, 26; *maritima*, 147  
*Lespedeza Brittonii*, 103; *capitata*, 103; *Nuttallii*, 104; *procumbens*, 104; *velutina*, 102, 103  
*Linnaea*, 52; *Americana*, 53, 54; *borealis*, 52, 53, 54; *longiflora*, 52, 53, 54  
 Liriodendron Leaves, Notes on, 105  
*Listera*, 81  
 Lloyd, F. E., Notes on the Genus *Lycopodium*, 5; The Genus *Lycopodium*—A Criticism, 56; The "Peg" or "Heel" in Seedlings of *Cucurbitaceae*, 120; personal, 12

- Lloyd and Bigelow's "Outline of Course in Biology," 24  
 Loasaceae, *Hesperaster*, a Genus of, 142  
 Lobelia syphilitica, 132  
 Lonicera, 81  
 Lupinus perennis, 75  
 Luzula campestris, 74; Carolinae, 74  
 Lycopodium, 81, 128; Notes on the Genus, 5; adpressum, 6; alopecuroides, 6; alpinum, 57, 58; annotinum, 57, 118; Carolinianum, 5; Chamaecyparissus, 5, 11, 58, 76, 117; clavatum, 57, 118; complanatum, 5, 11, 58, 76, 77, 118, 119; Fawcettii, 57, 58, 59; inundatum, 6; obscurum, 118; pinatum, 5, 6; sabinaefolium, 57, 58; Sitchense, 57, 58; tristachyum, 58, 76, 77, 117, 118; Wightianum, 57  
 Lycopodium tristachyum Pursh, Notes on, 117  
 Lygodium at Home, The, 19; palmatum, 19  
 Lyngbya, 128  
 Lyon, A. P., death of, 147  
 MacDougal, D. T., Seedlings of Arisaema, 2; A new Hygrometer suitable for testing Action of Stomata, 16; Distribution of Pterospora, 101; Duplication of Contributions on Physiology of Tendrils, 125, personal, 12, 71, 112, 124  
 MacDougal's "A practical Text-Book of Plant Physiology," 24, 99  
 MacRae, L. G., personal, 36  
 Macrocyttis, 49  
 Magnolia, 105, 106  
 Marchantia, 128  
 Marshall's "The Mushroom Book," 36, 45  
 Marsilea, 128  
 Maxon, W. R., personal, 36  
 McIlvaine's "One thousand American Fungi," 44  
 Meehan, T., death of, 147  
 Meibomia Canadensis, 132; Michauxii, 116  
 Mentzelia chrysantha, 143; densa, 143; perennis, 143; pumila, 143; Rusbyi, 143  
 Methods of drying Plants, New, 145  
 Michael's "Führer für Pilzfreunde," 46  
 Micranthella lobata, 147  
 Microsphaera, 128  
 Mignonette as Class Illustration for Ascent of Sap, The, 56  
 Miller, B. S., Amsonia Amsonia in New Jersey, 75  
 Mimulus, 82  
 Mohr, C., death of, 110  
 Mohr's "Plant Life of Alabama," 110  
 Monostroma, 128  
 Moore, G. T., personal, 36  
 Mosses of Bashbish Falls, The rare, 9  
 Murrill, W. A., The generative Divisions in Gymnosperms, 131; personal, 12  
 Mycophagy and its Literature, 43  
 Myrica cerifera, 115  
 Myurella Careyana, 9  
 Name, A new common, 147  
 Names, Varietal and specific, 79  
 Narcissi, Naturalized or adventive, 43  
 Narcissus poeticus, 43; Pseudo-Narcissus, 43  
 Nash, G. V., personal, 36, 60, 148  
 Naturalized or adventive Narcissi, 43  
 Nature Study, The Value of Forestry in a Course of, 13  
 Nelumbo lutea, 116  
 Nematium, 128  
 Nereocystis Lütkeana, A Note on the Bladder Kelp, 49  
 New common Name, A, 147  
 New Jersey, Amsonia Amsonia in, 75  
 New Methods of drying Plants, 145  
 New York Botanical Garden, 24, 36, 60, 72, 110, 111, 124, 148  
 Nitella, 128  
 Nocca and Cracca, 83  
 Noll's "Zur Keimungs-Physiologie der Cucurbitaceen," 120  
 Nomenclatural Note, 83  
 North American Twinflowers, The, 52  
 North Carolina, The Summit Flora of King's Mountain and Crowder's Mountain, 7  
 Northrop, Mrs. J. I., The Spreading of Solidago speciosa in the Vicinity of Yonkers, N. Y., 141  
 Notes on the Boleti of West Virginia, 37  
 Notes on the Genus Lycopodium, 5  
 Notes on Liriodendron Leaves, 105  
 Notes on Lycopodium tristachyum (L. Chamaecyparissus A. Br.), 117  
 Notes on Rudbeckia hirta L., 1  
 Notothylas, 128  
 Nut Pine from Idaho, A fossil, 113  
 Nuttallia, 69  
 Nyssa sylvatica, 8  
 Osmaronia, 69  
 Osmunda, 128; regalis, 93  
 Oxydendrum, 8  
 Paleobotany, 72  
 Panicularia, 69; A new, 43; Holmii, 43; pallida, 43  
 Panicum digitarioides, 115; virgatum, 120

- Parish's "Pteridophyta and Spermatophyta of Southern California," 110  
*Parnassia Caroliniana*, 147  
*Paronychia argyrocoma*, 8  
*Parthenocissus quinquefolia*, 139; *tricuspidata*, 140  
*Paullinia*, 132  
 Peck, C. H., Annual Report, 60  
*Pedicularis*, 81  
 "Peg" or "Heel" in Seedlings of *Cucurbitaceae*, The, 120  
 Penhallow, D. P., personal, 12  
*Penicillium*, 128  
 Pennsylvania, A new *Senecio* from, 21  
*Peronospora*, 128  
*Peziza*, 128  
 Philibert, H., death of, 72  
*Phlox*, 144; *Drummondii*, 144  
 Physiology of Tendrils, Duplication of Contributions on, 125  
*Pickeringia*, 69  
*Pilostyles Thuberi*, 56  
 Pinchot, J. W., personal, 35  
*Pinckneya pubens*, 117  
*Pinus edulis*, 114; *Lindgrenii*, 114, 115; *monophylla*, 114, 115; *rigida*, 131; *Virginiana*, 8  
*Plagiothecium Müllerianum*, 84; *striatellum*, 84  
 Plant from Western Texas, A rare, 56  
 Plant-names used in Georgia, Some popular, 115  
 Plant World, 12  
*Poa minor*, 81  
*Pogonatum alpinum*, 9  
*Pogonia verticillata*, 91  
*Polemonium*, 144  
*Polycodium stamineum*, 8  
*Polygala verticillata*, 120; *viridescens*, 120  
*Polyporus*, 128  
*Polysiphonia*, 128  
*Polytrichum*, 128  
*Porotrichum Allegheniense*, 9  
 Porter, T. C., death of, 60  
*Postelsia*, 49, 51, 52  
*Potentilla argentea*, 75  
 Precipitation in the Redwood Belt of California, On the Relation of Redwoods and Fog to the general, 137  
*Prenanthes*, 81  
*Prinos*, 88  
 Pritzel's "Lycopodiaceae," 56  
 Protection of Native Plants, Society for, 111, 148  
*Prunus eximia*, 146, 147; *serotina*, 132, 147  
*Pteridium*, 128; *aquilinum*, 76  
*Pterocaulon undulatum*, 117  
*Pterospora*, Distribution of, 101; *Andromeda*, 101  
*Ptilimnium capillaceum*, 119  
*Ptiloria*, 70  
*Puccinia*, 128  
*Pycnanthemum*, 69  
*Quercus digitata*, 115; *nana*, 8; *Prinus*, 8; *rubra*, 115  
*Raphidostegium Jamesii*, 84; *laxapetalum*, 84  
*Razoumofskya*, 69  
 Redwoods and Fog, On the Relation of, to the general Precipitation in the Redwood Belt of California, 137  
 Respiration Apparatus, A modified Form of, 28  
 Reviews: Atkinson's "Studies of American Fungi," 45; Brainerd, Jones, and Eggleston's "Flora of Vermont," 10; Britton's "Manual of the Flora of the Northern States and Canada," 133; Clute's "Our Ferns in their Haunts," 134; Coulter and Chamberlain's "Morphology of Spermatophytes," 98; Dallas and Burgin's "Among the Mushrooms," 44; Jepson's "Flora of Western Middle California," 69; MacDougal's "Practical Text-Book of Plant Physiology," 99; Marshall's "The Mushroom Book," 45; McIlvaine's "One thousand American Fungi," 44; Michael's "Führer für Pilzfreunde," 46; Noll's "Zur Keimungs-Physiologie der Cucurbitaceen," 120; Pritzel's "Lycopodiaceae," 56  
*Rhexia Virginica*, 120, 132  
*Rhododendron*, 82, 88; *Catawbiense*, 8  
*Ribes*, 81  
*Riccia*, 128  
 Richards, H. M., A simple Dynamometer, 8; A modified Form of Respiration Apparatus, 28; "A simple Dynamometer," 48, 71; MacDougal's Practical Text-Book of Plant Physiology, 99; New Methods of drying Plants, 145; personal, 71  
 Riley, W. A., *Rosellinia ovalis* (Ell.) Sacc., 22  
 Robinson, B. L., personal, 72, 112  
*Rosellinia ovalis* (Ell.) Sacc., 22; *pulveracea*, 22, 23  
*Rubus*, 81; *Canadensis*, 75; *cuneifolius*, 116; *nigrobaccus*, 132; Transpiration of rust-infested, 34  
*Rudbeckia*, An Alleghanian, 67; *hirta*, 1, 67; *monticola*, 67  
*Rudbeckia hirta*, Notes on, 1  
 Runner, A Tulip with a, 78

- Rusby, H. H., personal, 124  
 Rydberg, P. A., Economy in Nature, 10; The North American Twinflowers, 52; "When in Rome do as the Romans do," 61; personal, 71  
 Rynchospora glomerata, 120
- Sabbatia, 88; stellaris, 147  
 Salsola Kali, 147  
 Salvia, 23  
 Sanguisorba Canadensis, 120  
 Saprolegnia, 128  
 Sassafras, 8  
 Salix, 43  
 Sap, The Mignonette as Class Illustration for Ascent of, 56  
 Saxifraga, 81  
 Schrenk, H. von, personal, 112  
 Scirpus robustus Pursh and certain of its near Allies, 94; campestris, 95; **Fernaldi**, 96; maritimus, 94; paludosus, 94, 95, 96  
 Scleroderma, 128  
 Scolopendrium vulgare, 93  
 Scribner, F. Lamson-, personal, 148  
 Seedlings of Arisaema, 2  
 Seedlings of Cucurbitaceae, The "Peg" or "Heel" in, 120  
 Seeds, Storing of by Squirrels, 108  
 Selaginella, 81, 128  
 Senecio from Pennsylvania, A new, 21; Balsamitae, 21; **Crawfordii**, 21; Robbinsii, 21  
 Seymour, A. B., personal, 72  
 Shaw, C. H., personal, 36  
 Shaw, W. R., personal, 136  
 Sida rhombifolia, 116  
 Silene stellata, 132  
 Simblum, 128  
 Slosson, M., personal, 36  
 Small, J. K., The Summit Flora of King's Mountain and Crowder's Mountain, North Carolina, 7; A Kentucky Cornel, 54; A weeping Crataegus, 96; Two Species of Chamaelirium, 107; A Texan Cherry, 146; personal, 148  
 Smilax laurifolia, 115; Walteri, 115  
 Smith, E. F., personal, 12  
 Smith, J. G., personal, 59  
 Society, Botanical, of America, 112  
 Society for the Protection of Native Plants, 111, 148  
 Society for Plant Morphology and Physiology, Annual Meeting of, 148  
 Solidago speciosa, 141, 142; The Spreading of, in the Vicinity of Yonkers, N. Y., 141; monticola, 67  
 Spartina polystachya, 147; Adaptations of, to Environment, 129  
 Species of Chamaelirium, Two, 107
- Sphaeria ovalis, 22  
 Spiraea salicifolia latifolia, 120  
 Spirogyra, 128  
 Sporobolus Indicus, 115  
 Sporodinia, 128  
 Spreading of Solidago speciosa in the Vicinity of Yonkers, N. Y., 141  
 Spring Foliage in October, 119  
 Stephanomeria, 70  
 Stereum, 128  
 Stipa, 17  
 Stokes, C. Phelps, personal, 110  
 Stokes, O. E. Phelps, personal, 110  
 Storing of Seeds by Squirrels, The, 108  
 Strobilomyces, 128  
 Summit Flora of King's Mountain and Crowder's Mountain, North Carolina, The, 7  
 Synonymy of Burmannia and Gyrotheca, 33  
 Taphrina, 128  
 Taylor, M. H., "Vanishing Wild Flowers," 122  
 Tecoma radicans, 117  
 Tendrils, Duplication of Contributions on Physiology of, 125  
 Tephrosia, 83  
 Teucrium Canadense, 147; littorale, 147  
 Texan Cherry, A, 146  
 Texas, A rare Plant from Western, 56  
 Thriving under Difficulties, 30  
 Tillandsia, 146  
 Tissa, 69  
 Tomatoes, Weeping, 130  
 Torreya, 69  
 Torrey Botanical Club, Field Days of, 119, 132, 147  
 Toumey, J. W., personal, 35  
 Transpiration of rust-infested Rubus, 34  
 Trelease, W., personal, 112  
 Trichostomum tenuirostre, 84  
 Trifolium heterodon, 84; Fendleri, 84; involucratum, 84; pratense, 75  
 Trilisa odoratissima, 117  
 Triosteum, 25; **aurantiacum**, 26, 27, 28; perfoliatum, 25, 26, 27, 28  
 Tripterella capitata, 33, 34  
 True, R. H., personal, 36  
 Tsuga Canadensis, 131  
 Tulipa, 79  
 Tulipa sylvestris in the Flora of the United States, 82  
 Tulip with a Runner, A., 78  
 Twinflowers, The North American, 52
- Underwood, L. M., Mycophagy and its Literature, 43; Lycopodium tristachyum, 58 (footnote); A popular work on Ferns, 134; personal, 36, 72, 73, 110, 124



- Uredo, 128  
 Ustilago, 128  
  
 Vaccinium arboreum, 117; Canadense, 77; pallidum, 67; Pennsylvanicum, 77; stamineum, 117; vacillans, 8  
 Vail, A. M., An alpine botanical Garden, 81  
 Valeriana Celtica, 82  
 Vanishing Wild Flowers, 85, 122  
 Varietal and specific Names, 79  
 Vaucheria, 128  
 Vicia Faba, 9  
 Viola Cenisia, 81  
 Vitis, 141  
 Vogelia capitata, 33, 34  
 Volvox, 128  
 Vroom, J., personal, 110  
  
 Washington, A new Crataegus from, 55  
 Weeping Tomatoes, 130  
  
 Wercklé, C., Bromeliaceae in Costa Rica, 146  
 West Virginia, Notes on the Boleti of, 37  
 "When in Rome do as the Romans do," 61  
 White, T. G., death of, 111  
 Williams, R. S., personal, 110  
 Wilson, P., personal, 35, 111  
 Woodwardia areolata, 147  
  
 Xylothermia, 69  
  
 Yonkers, N. Y., The Spreading of Solidago speciosa in the Vicinity of, 141  
  
 Zamia, 131  
 Zizania aquatica, 147  
 Zygodon viridissimus, 84

**OTHER PUBLICATIONS**  
**OF THE**  
**TORREY BOTANICAL CLUB**

---

**(1) BULLETIN**

A monthly journal devoted to general botany. Vol. 27, published in 1900, contained 678 pages of text and 33 full page plates. Price \$3.00 per annum. For Europe 14 shillings. Dulau & Co., 37 Soho Square, London, are agents for England.

Of former volumes, only 1-6 and 19-27 can be supplied entire from the stock in hand, but the completion of sets will be undertaken. Yearly volumes 1-5 (1870-1874), one dollar each. Vol. 6 (1875-1879), extending over five years, is furnished at the subscription price of five dollars. Vols. 19-27 (1882-1900) are furnished at the published price of two dollars each.

Single copies (30 cts.) will be furnished only when not breaking complete volumes.

**(2) MEMOIRS**

The MEMOIRS are published at irregular intervals. Volumes 1-7 and 9 are now completed and No. 1, Part 1, of Vol. 8, has been issued. The subscription price is fixed at \$3.00 per volume in advance. The numbers can also be purchased singly. A list of titles of the individual papers and of prices will be furnished on application.

**(3) The Preliminary Catalogue of Anthophyta and Pteridophyta** reported as growing within one hundred miles of New York, 1888. Price, \$1.00.

Correspondence relating to the above publications should be addressed to

**L. M. UNDERWOOD**  
**Columbia University**  
**NEW YORK CITY**